## **CLAIMS**

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- A method for improving the toughness of a CBN product made by a high temperature/high pressure (HP/HT) process, which comprises the steps of:
  - (a) forming a blend of an oxygen getter and CBN product-forming feedstock;
  - (b) subjecting said blend to a CBN high temperature/high pressure (HP/HT) process for forming a CBN product;

the amount of oxygen getter in said blend being sufficient to improve the toughness of said CBN product.

- 2. The method of claim 1, wherein said oxygen getter is one or more of AI, Si, or Ti.
- 3. The method of claim 1, wherein the amount of oxygen getter is between about 0.005 and 0.5 wt-%.
  - 4. The method of claim 2, wherein the amount of oxygen getter is between about 0.005 and 0.5 wt-%.
- The method of claim 2, wherein said oxygen getter is in the form of one or more of an elemental metal, metal carbide, or metal nitride.
  - 6. The method of claim 4, wherein said oxygen getter is in the form of one or more of an elemental metal, metal carbide, or metal nitride.
  - 7. The method of claim 1, wherein the amount of oxygen getter is adequate to lower the oxygen content of said CBN product to less than about 300 ppm.
- 8. The method of claim 1, wherein said HP/HT process is conducted in one or more of the absence of a catalyst or the presence of a catalyst.
  - The method of claim 8, wherein said HP/HT process is conducted in the presence of a catalyst devoid of oxygen content.
- The method of claim 7, wherein said HP/HT process is conducted in the presence of a catalyst devoid of oxygen content.

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- 11. The method of claim 1, wherein said oxygen getter is removed from said CBN product.
- 5 12 The method of claim 7, wherein said oxygen getter is removed from said CBN product.
  - 13. The method of claim 9, wherein said oxygen getter is removed from said CBN product.
  - 14. The method of claim 10, wherein said oxygen getter is removed from said CBN product.
  - 15. The product of the process of claim 7.
  - 16. The product of the process of claim 10.
  - 17. The product of the process of claim 12.
- 20 18. The product of the process of claim 14.